



Dear colleagues,

we have two immediate openings for 3 years postdoctoral positions at the Department of Structural Biology and Genomics of IGBMC.

The projects involve the production and the structural investigation of several nuclear receptor complexes through an integrative structural biology approach. The aim of the project is to address the drug- and DNA-dependent assembly and architecture of functional nuclear receptors complexes. For this, a range of techniques such as biochemistry, biophysical characterization, small angle x-ray and neutron scattering, x-ray crystallography and cryo-electron microscopy (cryo-EM) will be employed. Work will benefit from access to the Structural Biology and Genomics platform at IGBMC (cloning, purification, crystallization) and from the crystallographic and cryo-EM facilities (in particular: Rigaku-diffractometer (Micromax 007-HF generator and Saturn 944 CCD detector), Tecnai20 field-emission-gun electron microscope (that will be extended soon), high-resolution high-throughput scanner, computing facilities).

Candidates are expected to have a Ph.D. degree, a keen interest in structural biology, and should enjoy working as part of an interdisciplinary team. They should have a background in at least one of the following areas: molecular biology; biochemistry, in particular protein expression and purification and/or biochemical characterization of protein-DNA complexes; crystallography; single molecule cryo-EM/image processing.

For informal enquiries, please contact:

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<http://igbmc.fr/Klaholz>